

04-19-02

3753



SMX 3104.1 (2000-108 (CIP))
PATENT

SAH
#5

8-602

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Dales, et al.
Serial No. 10/040,988
Filed January 7, 2002
Confirmation No. 3150
For APPARATUS AND METHODS FOR PARALLEL PROCESSING OF MULTIPLE REACTION MIXTURES

17475
Hawley

April 17, 2002

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS,

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56.

* The references listed on the attached PTO/SB/08A have been previously submitted in parent application Serial No. 09/772,101 and, therefore, in accordance with MPEP 609, are not being provided at this time.

Respectfully submitted,

Brian P. Klein, Reg. No. 44,837
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

BPK/dss

Express Mail Label No. EL 937977332 US

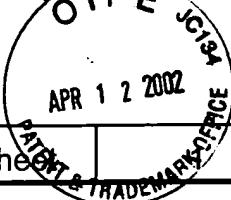
TECHNOLOGY CENTER 3700

APR 23 2002

RECEIVED

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)



Sheet

of

4

Complete if Known

Application Number	10/040,988
Filing Date	January 26, 2002
First Named Inventor	Dales, et al.
Group Art Unit	3753
Examiner Name	

SMX 3104.1 (2000-1087 (CIP))

 ECHNOLOGY C. APR 23 2002
 RECEIVED
 72
 3700

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	2,991,161		Gasche	07/04/1961
	2	2,996,363		Ruyak	08/15/1961
	3	4,195,131		Papas	03/25/1980
	4	4,325,914		Ruyak	04/20/1982
	5	4,598,049		Zelinka, et al	07/01/1986
	6	4,640,023		Mori, et al	02/03/1987
	7	4,671,941		Niina, et al	06/09/1987
	8	4,746,490		Saneii	05/24/1988
	9	4,748,002		Neimark, et al	05/31/1988
	10	4,865,986		Coy, et al	09/12/1989
	11	5,252,296		Zuckermann, et al	10/12/1993
	12	5,380,495		Chang, et al	01/10/1995
	13	5,395,594		Nokihara, et al	03/07/1995
	14	5,443,791		Cathcart, et al	08/22/1995
	15	5,499,193		Sugawara, et al	03/12/1996
	16	5,503,805		Sugarman, et al	04/02/1996

Examiner Signature	Date Considered
--------------------	-----------------

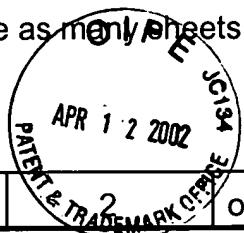
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)



Complete if Known

Application Number	10/040,988
Filing Date	January 26, 2002
First Named Inventor	Dales, et al.
Group Art Unit	3753
Examiner Name	

Sheet 2 of 4 Attorney Docket No. SMX 3104.1 (2000-108 (CIP))

RECEIVED
APR 23
2002
TECHNOLOGY CENTER
PATENT & TRADEMARK OFFICE
DO

	17	5,538,694		Delius	07/23/1996
	18	5,324,483	B1	Cody, et al	09/24/1996
	19	5,593,642		DeWitt, et al	01/14/1997
	20	5,602,756		Atwood, et al	02/11/1997
	21	5,609,826		Cargill, et al	03/11/1997
	22	5,714,127		DeWitt, et al	02/03/1998
	23	5,716,584		Baker, et al	02/10/1998
	24	5,746,982		Saneii, et al	05/05/1998
	25	5,762,881		Harness, et al	06/09/1998
	26	5,841,959		Guiremand	11/24/1998
	27	5,866,342		Antonenko, et al	02/02/1999
	28	5,888,830		Mohan, et al	03/30/1999
	29	5,961,925		Ruediger, et al	10/05/1999
	30	5,985,356		Schultz, et al	11/16/1999
	31	6,030,917		Weinberg, et al	02/29/2000
	32	6,086,831		Harness, et al	07/11/2000
	33	6,132,686		Gallup, et al	10/17/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	T ⁶ MM-DD-YYYY

Examiner Signature	Date Considered

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

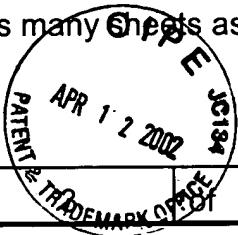
²Unique citation designation number. ³See attached Kinds of U.S. Patent Documents. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)



Complete if Known

Application Number	10/040,988
Filing Date	January 26, 2002
First Named Inventor	Dales, et al.
Group Art Unit	3753
Examiner Name	

Sheet

4

Attorney Docket No. SMX 3104.1 (2000-108 (CIP))

RECEIVED
 APR 23 2002
 TECHNOLOGY CENTER 100
 U.S. PATENT & TRADEMARK OFFICE

		Office	Number ⁴	Kind Code ² (if known)		
	34	EP	0 529 504	A2	Shimadzu Corporation	03/03/1993
	35	EP	0 963 791	A2	Mettler-Toledo GmbH	12/15/1999
	36	WO	96/14930		WIPO	05/23/1996
	37	WO	97/09353		WIPO	03/13/1997
	38	WO	98/13137		WIPO	04/02/1998
	39	WO	98/57740		WIPO	12/23/1998
	40	WO	99/30817		WIPO	06/24/1999
	41	WO	00/09255		WIPO	02/24/2000

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	42	"Heated Reacto - Stations," Estem Corporation, October 1997	
	43	"Microreactor Technology: Focusing the German Activities in this Novel and Promising Field of Chemical Process Engineering," J.P. Baselt, A. Forster, J. Herrmann, and D. Tiebes, pp. 13-17, 1997	
	44	MultiReactor™ - Reactor Block, sales literature, RoboSynthon, Inc., 6 pages	
	45	Reaction Blocks, price list and sales literature, J-KEM® Scientific, Inc., 2 pages	
	46	World Wide Web argotech.com/quest May 18, 1998 "NAUTILUS 2400" information	
	47	World Wide Web argotech.com/quest May 18, 1998 "QUEST 210" information	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

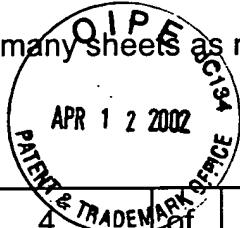
¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)



Sheet	4	4	Attorney Docket No.	SMX 3104.1 (2000-108 (CIP))
-------	---	---	---------------------	-----------------------------

	48	World Wide Web calbay.com March 31, 1998 "Viscoliner" information	
	49	World Wide Web calscorp.com/about_csc February 8, 1999 "About Calorimetry Sciences Corp." information	
	50	World Wide Web mettler.com August 10, 1998 "Automatic Laboratory Reactors, Reaction Calorimeters and On-line Analysis" information	
	51	World Wide Web tecan.ch July 14, 1998 "CAVRO RSP 9000 Robotic Sample Processor" information	
	52	World Wide Web thermometric.com/calorimetry July 27, 1998 "Calorimetry" information	

RECEIVED
 APR 23 2002
 TECHNOLOGY CENTER 3700

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.